BRUHATH BANGALORE MAHANAGARA PALIKE

DETAILED ESTIMATE FOR THE WORK OF Repairs to Anganavadi Building in ward no.8 Kodigehalli.

Est Cost: 5.00 lakhs

Sl no	Description of Item	No	Dimentions			Qty	Rate	Amount
			L	B	D			
1	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.50m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications.(page no 5, item no.2.1)								
		1	2.23	2.23	1.50	7.46		
						7.46	156.88 per Cum	1170.00
	Basic Rate	148.00						
	Area Wtg 6%	8.88						
	Net Rate	156.88						
2	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement 220kgs,with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @o.465 cum machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation including cost all materials, labour, HOM of machinery, curing complete as per specifications.(P-12, I-4.2)								
		1	2.23	2.23	0.15	0.75		
					Total	0.75	5139.94 Per Cmtr	3834.00
	Basic Rate	4849.00						
	Area Wtg 6%	290.94						

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	Net Rate	5139.94						
3	Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non modular bricks of standard size of class designation 3.5 Newton per sqmm with cement 1:6 including cost of materials labour charges scaffolding, curing complete as per specifications. (item no.6.3, page no.27)							
	For sump	1	8.46	0.23	1.50	2.92		
	Kitchen plat farm	6	0.60	0.23	1.20	0.99		
					Total	3.91	6095.00 Per Cmtr	23845.00
	Basic Rate	5750.00						
	Area Wtg 6%	345.00						
	Net Rate	6095.00						
4	KSRB 4-6.3: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes thickness above 200 mm including cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (Page np.15, item no.4.30)							
		1	2.00		2.00	4.00		
					Total	4.00	396.44 Per sqm	1586.00
	Basic Rate	374.00						
	Area Wtg 6%	22.44						
	Net Rate	396.44						
5	sump tank cover 24"x24" @ 21kg (Page no.XXXVI) PWD SR 2015-16							
		1				1.00		
					Total	1.00	1273.00 Each	1273.00
6	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debries to distance upto 200m (within average thickness of 15cms) Page no.258, item no.37.51 PWD SR.2015-16							
	Hall	1	5.40	3.95		21.33		
	Kitchen and toilet	1	3.95	2.50		9.88		
					Total	31.21	54.06 Per sqm	1686.94
	Basic Rate	51.00						

Area Wtg 6%	3.06	
Net Rate	54.06	

7 Providing and fixing Vetrified glazed tiles of approved make, quality & colour of size 600X600X10mm thick fixed on bed of 12mm thick cement mortar for flooring, skirting and jointed with neat cement slurry mixed with pigment to mach shade tiles, including providing spacers at required interval and removing stains etc., complete as per specifications.(Page np.107, item no.14.45) PWD SR-2015-16

Hall	1	5.40	3.95		21.33		
Kitchen	1	3.95	2.50		9.88		
				Total	31.21	1134.20 per sqm	35393.00

Basic Rate	1070.00
Area Wtg 6%	64.20
Net Rate	1134.20

8 KSRB 14-17.1: Providing skirting, dadoing, rises of steps with white glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. (Page no.106, item no.14.40) PWD SR 2015-16.

For Kitchen	1	4.10	2.90	11.89		
Toilet	1	11.00	2.90	31.90		
				43.79	940.22 per sqm	41172.00

Basic Rate	887.00
Area Wtg 6%	53.22
Net Rate	940.22

9 Providing and laying platform using prepolished watre cut / gang saw 40mm thick telephonic Black granite. Laid on existing vertical supports and fixing in CM 1:3 proportion. Including cutting to required shape, pattern with paper joints including full rounding for nosing finished with cement mortar, pointed with colour pigments to match the colour of slab making through jointing with sealant, making holes 25mm X 12mm grooves in joints including curing. (Page no.108, item no.14.52) PWD SR 2015-16

	Hall	1	4.10	0.60	2.46		
	Kitchen	3	3.90	0.60	7.02		
				Total	9.48	3768.30 per sqm	35723.00

Basic Rate	3555.00
Area Wtg 6%	213.30
Net Rate	3768.30

10 KSRB 11-12.1: Providing and fixing kitchen sink of white glazed fire clay of size 600x450x250mm with M.S /C.I brackets, C.P brass chain with rubber plug, 32 mm C.P brass waste, tap with union, brass stop cock complete, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (page no.82, item no.12.32) PWD SR 2015-16

For kitchen sink	1			1.00		
				1.00	3666.54 Unit	3667.00

Basic Rate	3459.00
Area Wtg 6%	207.54
Net Rate	3666.54

11 KSRB 11-11.3: Providing and fixing white vitreous chaina clay, flat back Wash basin size 550x400mm with a pair of 15mm C.P brass pillar taps painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. (page no.81, item no.12.25) PWD SR 2015-16

For wash basin	1			1.00		
				1.00	3770.42 Unit	3770.00

Basic Rate	3557.00
Area Wtg 6%	213.42
Net Rate	3770.42

12 KSRB 11-1 : Providing and fixing white vitreous china clay, water closet Indian type (Squating pan) of size 580 mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11
(Page No.77, item no,12.10) PWD SR 2015-16

Water closet	1			1.00		
				1.00	**3620.96**	3621.00
					No	

Basic Rate	3416.00
Area Wtg 6%	204.96
Net Rate	3620.96

13 Lumpsum Provision for Sanitary and Electrical works pump and motor — Rs. 100000.00

14 KSRB 24-1: Removing white wash or colour wash by steel brushing and/or scraping, sand papering and preparing wall surface smooth including repairs to scraches, cost of complete as per specifications. (Page no,127, item no.16.1) PWD SR.2015-16

Out side	1	27.80	3.90	108.42		
Inside Hall	1	18.60	2.90	53.94		
				162.36	5.83	947.00
					Per sqm	

Basic Rate	5.50
Area Wtg 6%	0.33
Net Rate	5.83

15 KSRB 24-2: Extra for removing white wash or colour wash by steel brushing and/or scraping, sand papering the ceiling and /or sloping roof surface smooth including repairs to scraches, cost of labour, complete as per specifications. (Page no,127, item no.16.1.2) PWD SR.2015-16

		1	9.90	4.00		39.60		
						39.60	6.36	252.00
	Basic Rate	6.00					Per sqm	
	Area Wtg 6%	0.36						
	Net Rate	6.36						
16	Dismantling plastering and removing the debries with a lead upto 200m.(Page no.258, item no.37.50) PWD SR.2015-16							
	For kitchen	1	4.10	2.90		11.89		
	toilet	1	11.00	2.90		31.90		
					Total	43.79	23.32	1021.00
	Basic Rate	22.00					Per sqm	
	Area Wtg 6%	1.32						
	Net Rate	23.32						
17	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. PWD SR 2015-16 (Page No.116, Item No.15.49.1)							
	Hall, wall	1	18.70	2.90		54.23		
	store	1	6.00	2.90		17.40		
					Total	71.63	69.96	5011.00
	Basic Rate	66.00					Per sqm	
	Area Wtg 6%	3.96						
	Net Rate	69.96						
18	KSRB 15-14.2 : Extra over item 15-14. 1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications. PWD SR 2015-16 (Page No.116, Item No.15.49.2)							
	For ceiling	1	9.90	4.00		39.60		
					Total	39.60	4.77	189.00
	Basic Rate	4.50					Per sqm	

Area Wtg 6%	0.27	
Net Rate	4.77	

19 KSRB 15.12.1: Providing Gopi colour washing to new wall surface in two coats with lime and gopi colour of approved quality, to give an even shade after throughly brooming the surface to remove all dirt, dust, mortar drops and other foreign matter including cost of materials, labour complete as per specifications.(Page No.115, Item No.15.44)

Out side

	1	18.70	3.90	72.93		
				72.93	10.60	773.00
					Per sqm	

Basic Rate	10.00
Area Wtg 6%	0.60
Net Rate	10.60

20 KSRB 15-18.2: Providing and applying enamel metal paint two coats (excluding priming coat)over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.(page no.120, item no.15.74)

Door MD	2x2	0.90	2.00	7.20		
D	2x2	0.70	1.75	4.90		
Windows W	2x2	0.90	1.20	4.32		
V	3x2	0.60	0.60	2.16		
V1	2x2	0.90	0.60	2.16		
				20.74	83.74	1737.00
					Per sqm	

Basic Rate	79.00
Area Wtg 6%	4.74
Net Rate	83.74

21 Providing applying water proofing to roof slab, terraces, landcape area, podium etc., using modified polyurethane cures (confirming to ASTM C836 - 84) to give a tough elastomeric waterproof membrane on the surface. The surface shall be cleaned free from dust and other particle before usage.(Page no.262, item no.38.2)

For roof

1	10.80	4.90		52.92

			52.92	742.00	39267.00
	Basic Rate	700.00		Per sqm	
	Area Wtg 6%	42.00			
	Net Rate	742.00			
22	Lead for disposal of debris shall be payable at carrage rates by mechanical means including loading and unloading From 13.30 Kms				
	Qty vide item no.1		7.46		
			7.46	114.08	851.00
				Per cmtr	306788.94
23	Lumpsum Provision for Sub Division office Renovation			Rs.	185000.00
				Total	491788.94
24	Add 1% QC Charges				4917.89
25	MISCELLANIOUS AND UNFORSEEN CHARGES				3293.17
				Total RS.	500000.00

(Rupees Five Lakhs Only)

Certificates:-

1 The work will be Executed within BBMP limit only

2 The work spot is inspected by me

3 The items Provided in the Estimate are quite Essential

4 The Estimate is prepared Based on CSR 2015-2016

Asst Engineer
Waard No-8

Asst. Executive Engineer
Kodigehalli Subdivision
BBMP, Bangalore

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore

ADMINISTRATIVE APPROVAL

Accorded For Rs. 5.00 L

Head of A/c. P-1771

Div. Ref. No. 63/16-17 Date. 14/12/16

AE EE(BTP)

TECHNICAL SANCTION

Accorded For Rs. 3.06 L

Head of A/c. P-1771

Div. Ref. No. 77/16-17 Date. 14/12/16.

AE EE(BTP)